

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jul/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.742	189.049	1) Gujrat	5.856	14.466
2) Hydro	9.492	14.725	2) Madhya Pradesh	11.539	22.711
3) Gas	3.218	6.422	3) Chattisgarh	3.490	10.750
Total MSPGCL	106.452	210.196	4) Maharashtra	126.321	258.844
B) 1) APMIL	29.077	57.120	5) Goa (Amona)	-0.396	-0.814
2) JSWEL	18.084	35.049	Total	146.810	305.957
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.673	54.605
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.318	54.224
5) WPCL	2.716	5.386	c) MSEDCL Bilateral *	24.004	58.455
6) Other IPP	7.559	14.500	Include PX	4.308	20.321
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.673	54.605
C) 1) TPCL Thermal	7.895	15.388	Include PX	20.423	40.863
2) TPCL Hydro	4.530	8.764	Standby	0.000	0.000
3) TPCL Gas	4.344	8.661	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.879	9.471	1) MSEDCL	326.559	648.156
D) STATE			2) Mumbai Discoms	47.966	96.508
1) Thermal	163.952	325.963	TOTAL STATE	374.525	744.664
(A1+C1+C4+(B1-B6))					
2) Hydro	14.022	23.489			
(A2+C2)					
3) Gas	7.562	15.083			
(A3+B7+C3)					
4) Wind	35.069	60.876			
6) SOLAR	7.110	13.296			
TOTAL STATE	227.715	438.707			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3927	4216	3812	3460
MSPGCL Hydro	198	352	1241	85
MSPGCL Gas	139	127	141	133
MSPGCL Total Generation	4264	4695	5194	3678
Central Sector Receipt	6846	6380	5643	5674
WIND	1473	1082	1435	1674
CPP / IPP Thermal	2332	2456	2570	2197
CPP / IPP Gas	0	0	0	0
SOLAR	887	752	0	0
Exchange with Mumbai	-1400	-1281	-774	-1005
MSEDCL DEMAND MET	14402	14084	14068	12218
Load Shedding	0	0	0	0
MSEDCL DEMAND	14402	14084	14068	12218
TPCL GENERATION	634	768	980	520
AEML GENERATION	189	190	252	189
MUMBAI DEMAND	2223	2239	2006	1714
STATE DEMAND MET	16625	16323	16074	13932
STATE DEMAND	16625	16323	16074	13932
Frequency (Hz)	50.02	49.92	49.93	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 07.01 Hrs	49.77 Hz at 12.17 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 02/Jul/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	7.33	18.36	500	0
Unit 10	10.58	20.67	461	350
Total	17.92	39.03		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.18	8.28	180	163
Unit 4	3.88	7.77	168	160
Unit 5	9.40	18.42	410	365
Unit 6	7.34	16.50	450	0
Unit 7	9.73	18.65	445	360
Unit 8	10.14	19.51	450	360
Unit 9	10.20	19.60	440	360
Total	54.88	108.72		
Paras				
Unit 3	4.97	9.34	240	187
Unit 4	4.45	9.25	220	157
Total	9.42	18.59		
Khaparkheda				
Unit 1	3.45	7.15	160	130
Unit 2	0.00	0.00	0	0
Unit 3	3.85	7.25	175	135
Unit 4	4.18	8.25	195	160
Unit 5	0.04	0.04	43	0
Total	11.53	22.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	3.22	6.42	143	127
Total	3.22	6.42		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.06	0.16	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.16		
Koyna				
Stage 1-2	3.51	5.54	490	40
Stage 4	2.52	2.71	552	0
Stage 3	1.64	2.49	160	0
Total	7.66	10.73		
Hydro				
KDPH	0.67	1.34	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.67	1.39	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.41	40	0
RNGR+BHTSA	0.24	0.49	11	10
BHANDARDRA	0.00	0.20	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.10	0.17	13	2
GHATGHAR	0.00	0.00	0	0
Total	1.83	4.00		
Wind				
Total	35.07	60.88	0	0
Total	35.07	60.88		
CPP				
APML(Mus)	29.08	57.12	0	0
JSWEL(Mus)	18.08	35.05	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.72	5.39	0	0
Other(Mus)	7.56	14.50	0	0
Total	57.44	112.06		
SOLAR				
Total	7.11	13.30	0	0
Total	7.11	13.30		
Tata				
Trombay 5	7.90	15.39	417	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	5.55	118	109
Trombay 7B	1.56	3.12	66	62
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.53	8.76	406	36
Total	16.77	32.81		
AEML				
DTPS U-1&2	4.88	9.47	252	188
Total	4.88	9.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.74	189.05	MSPGCL Total	106.45	210.20
			MSPGCL Thml+Gas	96.96	195.47	Koyna 1,2 & 4 Total	6.02	8.24
			MSPGCL Hydro	9.49	14.72	State Total	227.72	438.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Jul/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3981	171	132	4284	1867	2346	0	0	5515	5386	-1098	12785	0	12785	2010	14795	50.00
2	3625	101	133	3859	1754	2279	0	0	5646	5642	-1061	12473	0	12473	1875	14348	50.00
3	3542	80	143	3765	1860	2271	0	0	5656	5589	-1069	12416	0	12416	1784	14200	50.02
4	3460	85	133	3678	1674	2197	0	0	5584	5674	-1005	12218	0	12218	1714	13932	50.03
5	3627	90	143	3860	1742	2290	0	0	5595	5657	-954	12595	0	12595	1665	14260	50.00
6	3902	190	132	4224	1598	2311	0	0	6104	6182	-944	13371	0	13371	1665	15036	50.02
7	3930	135	133	4198	1618	2381	0	53	7082	6930	-874	14306	0	14306	1649	15955	49.99
8	3996	92	142	4230	1487	2403	0	259	7135	6989	-931	14437	0	14437	1717	16154	50.01
9	3955	150	131	4236	1737	2406	0	510	6904	6770	-1087	14572	0	14572	1873	16445	50.01
10	3686	212	130	4028	1617	2301	0	741	6626	6733	-1241	14179	0	14179	2076	16255	49.99
11	3927	198	139	4264	1473	2332	0	887	6673	6846	-1400	14402	0	14402	2223	16625	50.02
12	4165	157	128	4450	1305	2332	0	926	6606	6682	-1485	14210	0	14210	2289	16499	49.98
13	4185	273	128	4586	1230	2349	0	942	6548	6302	-1483	13926	0	13926	2293	16219	49.95
14	4190	157	139	4486	1143	2343	0	801	6474	6602	-1441	13934	0	13934	2252	16186	49.99
15	4216	352	127	4695	1082	2456	0	752	6420	6380	-1281	14084	0	14084	2239	16323	49.92
16	4140	511	130	4781	1251	2500	0	608	6406	6114	-1163	14091	0	14091	2186	16277	50.01
17	4115	347	130	4592	1516	2388	0	415	6167	6095	-1083	13923	0	13923	2116	16039	49.97
18	4032	397	139	4568	1338	2353	0	185	5967	6199	-1173	13470	0	13470	2023	15493	49.99
19	3906	649	129	4684	1151	2353	0	31	5723	5725	-1046	12898	0	12898	1945	14843	50.02
20	3819	1094	131	5044	1318	2458	0	0	6232	5960	-980	13800	0	13800	2018	15818	49.97
21	3812	1241	141	5194	1435	2570	0	0	5862	5643	-774	14068	0	14068	2006	16074	49.93
22	3844	828	132	4804	1392	2607	0	0	5553	5631	-824	13610	0	13610	2076	15686	49.97
23	3831	907	132	4870	1293	2607	0	0	5619	5710	-923	13557	0	13557	2124	15681	49.97
24	3856	1075	141	5072	1188	2603	0	0	5479	5369	-998	13234	0	13234	2148	15382	49.94
MUs	93.74	9.49	3.22	106.45	35.07	57.44	0.00	7.11	147.58	146.81	-26.32	326.56	0.00	326.56	47.97	374.53	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jul/2020

Position as on 6.30 Hrs of 03/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in To Zero schedule w.e.f 03.06.2020 01.28)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jul/2020

Position as on 6.30 Hrs of 03/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
IPP	SWPGL U-2	135	29/06/2020	12.00		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 5	500	30/06/2020	02.40	02/07/2020	23.17	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	02/07/2020	01.13	02/07/2020	06.39	Generator transformer neutral bushing hot spot.	
MSPGCL	Koyna STG-IV Unit-2	250	02/07/2020	09.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	02/07/2020	18.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	02/07/2020	06.20	02/07/2020	16.41	HT	Over Voltage Relay malfunction.
Koradi Bhilai	InterState	02/07/2020	09.16	02/07/2020	20.40	PO	Line AMP & Line Reactor AMP Work at Bhilai SS.
Dhule Sar'Sarovar I	InterState	02/07/2020	18.00		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/06/2020	19.20		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2020	19.26	02/07/2020	09.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	29/06/2020	19.38		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/06/2020	18.54	02/07/2020	09.56	HT	Over Voltage
Chandrapur-Parali III	IntraState	01/07/2020	11.32	02/07/2020	07.27	EO	New CB commssioning work
Padghe - Kalwa- I	IntraState	02/07/2020	00.11	02/07/2020	09.48	HT	Over Voltage
TBC @ Bhusawal-II	IntraState	02/07/2020	09.15		Continued.	PO	CB Overhauling
Chandrapur II- Warora ckt II	IntraState	02/07/2020	09.20	02/07/2020	15.54	PO	Routine Maintenance Work
Karad - Lonikand 1	IntraState	02/07/2020	10.02		Continued.	PO	Line Maintenance Work.(RFC-18:30hrs)
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	02/07/2020	10.28		Continued.	EO	SF6 Gas Leakage.
karad -kolhapur-I	IntraState	02/07/2020	23.38		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/07/2020	03.46		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	02/07/2020	10.46	02/07/2020	17.51	PO	WTI OTI Replacement Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Sawantwadi-Bidri	IntraState	02/07/2020	00.00	02/07/2020	10.30	HT	Over Voltage
Gadchandur - Virur-II	IntraState	02/07/2020	08.04	02/07/2020	15.17	PO	For Repairing/ Servicing & Alignment Of 220Kv Line Bus And Auxiliary Isolators By Agency
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	02/07/2020	08.19		Continued.	PO	Stringing of conductor between olt Tower to new CTT tower at both ends and connection of jumper to cable termination kit
Lonikand-VSNL	IntraState	02/07/2020	09.16	02/07/2020	11.53	PO	Half Yearly Maintenance and Diagnostic Testing Work
Kandalgaon - Bhira	IntraState	02/07/2020	09.17	02/07/2020	19.30	PO	Maintenance Work.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	02/07/2020	09.57	02/07/2020	22.17	PO	CT B PH Replacement Work.
Bombay Dyeing - Sahara	IntraState	02/07/2020	11.16	02/07/2020	15.10	PO	Line Signature Test.
CHAKAN (400 KV)- Chinchwad2	IntraState	02/07/2020	12.36	02/07/2020	18.19	PO	Diagnostic Testing Work.
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/132 Kv 200 Mva Vijay Ict 1	IntraState	02/07/2020	09.09	02/07/2020	14.36	PO	Attending Oil Leakage

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Chalisgaon							